

SEQUENCE LISTING

<110> SUNESIS PHARMACEUTICALS, INC.

BARR, Kenneth

FAHR, Bruce

HANSEN, Stig

MCDOWELL, Robert

WIESMAN, Chris

ZHU, Jian

<120> COMPOUNDS THAT MODULATE THE ACTIVITY OF
PTP-1B AND TC-PTP

<130> 39750-0008

<140> to be assigned

<141> 2003-02-25

<150> US 60/361,475

<151> 2002-03-01

<160> 29

<170> FastSEQ for Windows Version 4.0

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<212> PRT

<213> Homo sapiens

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Arg Val Ala Lys Leu Pro Lys Asn Lys Asn Arg Asn Arg Tyr Arg Asp
 35      40      45
Val Ser Pro Phe Asp His Ser Arg Ile Lys Leu His Gln Glu Asp Asn
 50      55      60
Asp Tyr Ile Asn Ala Ser Leu Ile Lys Met Glu Glu Ala Gln Arg Ser
 65      70      75      80
Tyr Ile Leu Thr Gln Gly Pro Leu Pro Asn Thr Cys Gly His Phe Trp
 85      90      95
Glu Met Val Trp Glu Gln Lys Ser Arg Gly Val Val Met Leu Asn Arg
100      105      110
Val Met Glu Lys Gly Ser Leu Lys Cys Ala Gln Tyr Trp Pro Gln Lys
115      120      125
Glu Glu Lys Glu Met Ile Phe Glu Asp Thr Asn Leu Lys Leu Thr Leu
130      135      140
Ile Ser Glu Asp Ile Lys Ser Tyr Tyr Thr Val Arg Gln Leu Glu Leu
145      150      155      160
Glu Asn Leu Thr Thr Gln Glu Thr Arg Glu Ile Leu His Phe His Tyr
165      170      175
Thr Thr Trp Pro Asp Phe Gly Val Pro Glu Ser Pro Ala Ser Phe Leu
180      185      190
Asn Phe Leu Phe Lys Val Arg Glu Ser Gly Ser Leu Ser Pro Glu His
195      200      205
Gly Pro Val Val Val His Cys Ser Ala Gly Ile Gly Arg Ser Gly Thr
210      215      220
Phe Cys Leu Ala Asp Thr Cys Leu Leu Leu Met Asp Lys Arg Lys Asp
225      230      235      240
Pro Ser Ser Val Asp Ile Lys Lys Val Leu Leu Glu Met Arg Lys Phe

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Arg Met Gly Leu²⁴⁵ Ile Gln Thr Ala Asp²⁵⁰ Gln Leu Arg Phe Ser Tyr Leu²⁵⁵
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 Pro His Arg Val Ala Lys Phe Pro Glu Asn Arg Asn Arg Asn Arg Tyr
 35 40 45
 Arg Asp Val Ser Pro Tyr Asp His Ser Arg Val Lys Leu Gln Asn Ala
 50 55 60
 Glu Asn Asp Tyr Ile Asn Ala Ser Leu Val Asp Ile Glu Glu Ala Gln
 65 70 75 80
 Arg Ser Tyr Ile Leu Thr Gln Gly Pro Leu Pro Asn Thr Cys Cys His
 85 90 95
 Phe Trp Leu Met Val Trp Gln Gln Lys Thr Lys Ala Val Val Met Leu
 100 105 110
 Asn Arg Ile Val Glu Lys Glu Ser Val Lys Cys Ala Gln Tyr Trp Pro
 115 120 125
 Thr Asp Asp Gln Glu Met Leu Phe Lys Glu Thr Gly Phe Ser Val Lys
 130 135 140
 Leu Leu Ser Glu Asp Val Lys Ser Tyr Tyr Thr Val His Leu Leu Gln
 145 150 155 160
 Leu Glu Asn Ile Asn Ser Gly Glu Thr Arg Thr Ile Ser His Phe His
 165 170 175
 Tyr Thr Thr Trp Pro Asp Phe Gly Val Pro Glu Ser Pro Ala Ser Phe
 180 185 190
 Leu Asn Phe Leu Phe Lys Val Arg Glu Ser Gly Ser Leu Asn Pro Asp
 195 200 205
 His Gly Pro Ala Val Ile His Cys Ser Ala Gly Ile Gly Arg Ser Gly
 210 215 220
 Thr Phe Ser Leu Val Asp Thr Cys Leu Val Leu Met Glu Lys Gly Asp
 225 230 235 240
 Asp Ile Asn Ile Lys Gln Val Leu Leu Asn Met Arg Lys Tyr Arg Met
 245 250 255
 Gly Leu Ile Gln Thr Pro Asp Gln Leu Arg Phe Ser Tyr Met Ala Ile
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 35 40 45
 Tyr Ala Asn Val Ile Ala Tyr Asp His Ser Arg Val Ile Leu Thr Ser
 50 55 60
 Ile Asp Gly Val Pro Gly Ser Asp Tyr Ile Asn Ala Asn Tyr Ile Asp
 65 70 75 80
 Gly Tyr Arg Lys Gln Asn Ala Tyr Ile Ala Thr Gln Gly Pro Leu Pro
 85 90 95
 Glu Thr Met Gly Asp Phe Trp Arg Met Val Trp Glu Gln Arg Thr Ala
 100 105 110
 Thr Val Val Met Met Thr Arg Leu Glu Glu Lys Ser Arg Val Lys Cys
 115 120 125
 Asp Gln Tyr Trp Pro Ala Arg Gly Thr Glu Thr Cys Gly Leu Ile Gln
 130 135 140
 Val Thr Leu Leu Asp Thr Val Glu Leu Ala Thr Tyr Thr Val Arg Thr
 145 150 155 160
 Phe Ala Leu His Lys Ser Gly Ser Ser Glu Lys Arg Glu Leu Arg Gln
 165 170 175
 Phe Gln Phe Met Ala Trp Pro Asp His Gly Val Pro Glu Tyr Pro Thr
 180 185 190
 Pro Ile Leu Ala Phe Leu Arg Arg Val Lys Ala Cys Asn Pro Leu Asp
 195 200 205
 Ala Gly Pro Met Val Val His Cys Ser Ala Gly Val Gly Arg Thr Gly
 210 215 220
 Cys Phe Ile Val Ile Asp Ala Met Leu Glu Arg Met Lys His Glu Lys
 225 230 235 240
 Thr Val Asp Ile Tyr Gly His Val Thr Cys Met Arg Ser Gln Arg Asn
 245 250 255
 Tyr Met Val Gln Thr Glu Asp Gln Tyr Val Phe Ile His Glu Ala Leu
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 20 25 30
 Arg Val Ala Lys Leu Pro Lys Asn Lys Asn Arg Asn Arg Tyr Arg Asp
 35 40 45
 Val Ser Pro Phe Asp His Ser Arg Ile Lys Leu His Gln Glu Asp Asn
 50 55 60
 Asp Tyr Ile Asn Ala Ser Leu Ile Lys Met Glu Glu Ala Gln Arg Ser
 65 70 75 80
 Tyr Ile Leu Thr Gln Gly Pro Leu Pro Asn Thr Cys Gly His Phe Trp
 85 90 95
 Glu Met Val Trp Glu Gln Lys Ser Arg Gly Val Val Met Leu Asn Arg
 100 105 110
 Val Met Glu Lys Gly Ser Leu Lys Cys Ala Gln Tyr Trp Pro Gln Lys
 115 120 125
 Glu Glu Lys Glu Met Ile Phe Glu Asp Thr Asn Leu Lys Leu Thr Leu
 130 135 140
 Ile Ser Glu Asp Ile Lys Ser Tyr Tyr Thr Val Arg Gln Leu Glu Leu

SUNESIS 39750-0008-USPTO.txt

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	Gly	Pro	Val	Val	Val	195	His	Cys	Ser	Ala	200	Gly	Ile	Gly	Arg	Ser	205	Gly	Thr
	Phe	Cys	Leu	Ala	Asp	210	Thr	Cys	Leu	Leu	215	Leu	Met	Asp	Lys	Arg	220	Lys	Asp
225	Pro	Ser	Ser	Val	Asp	230	Ile	Lys	Lys	Val	235	Leu	Leu	Glu	Met	Arg	240	Lys	Phe
	Arg	Met	Gly	Leu	Ile	245	Gln	Thr	Ala	Asp	250	Gln	Leu	Arg	Phe	Ser	255	Tyr	Leu
	Ala	Val	Ile	Glu	Gly	260	Ala	Lys	Phe	Ile	265	Met	Gly	Asp	Ser	Ser	270	Val	Gln
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